EAST [databases: US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB]
(inventor)
L1   16   CHRISTOFF.in. WILLIAM.in.
L2   0   NESTLERODE.in. JAMES.in.
L3   131   JOHANSON.in. JAMES.in.

(class/subclass)
L20   60   181/101.CCLS.
L21   203   181/113.CCLS.
L22   301   181/116.CCLS.
L23   185   181/118.CCLS.
L24   334   181/120.CCLS.
L25   332   181/141.CCLS.
L26   193   181/142.CCLS.
L27   134   181/143.CCLS.
L28   269   181/151.CCLS.
L29   298   181/401.CCLS.
L30   143   181/402.CCLS.
L31   328   367/1.CCLS.
L32   234   367/2.CCLS.
L33   198   367/3.CCLS.
L34   220   367/4.CCLS.
L35   641   367/13.CCLS.
L36   567   367/140.CCLS.
L37   468   367/141.CCLS.
L38   275   367/142.CCLS.
L39   89   367/143.CCLS.
L40   128   367/145.CCLS.
L41   275   367/151.CCLS.

(text)
L4   0   l1 and l3
L15   16   piston acoustic hz
L16   0   piston same acoustic same hz and predetermined adj time
L17   80   piston and acoustic and hz and predetermined and time and combustion
L19   31   piston and acoustic and hz and predetermined with time and combustion

(forward/backward)
L5   8   "3679021"
L10   6   ("3277437" | "3506085" | "3522862").PN.
L6   16   "3903988"
L11   2   ("3326467").PN.
L7   14   "4258546"
L12   10   ("2410538" | "2918791" | "3011312" | "3088406" | "3479818").PN.
L8   4   "4353431"
L13   16   ("2994397" | "3048816" | "3289784" | "3397755" | "3588801" | "3951231" | "4043420" | "4078632" | "4108271" |
"4156979" | "4193472").PN.
L9   2   "3701319"
L14   10   ("2820971" | "3276366" | "3351010" | "3354826" | "3408935").PN.

(interference)
L18   0   (piston and acoustic and hz and predetermined and time and combustion).clm.